CAIS Training Outline
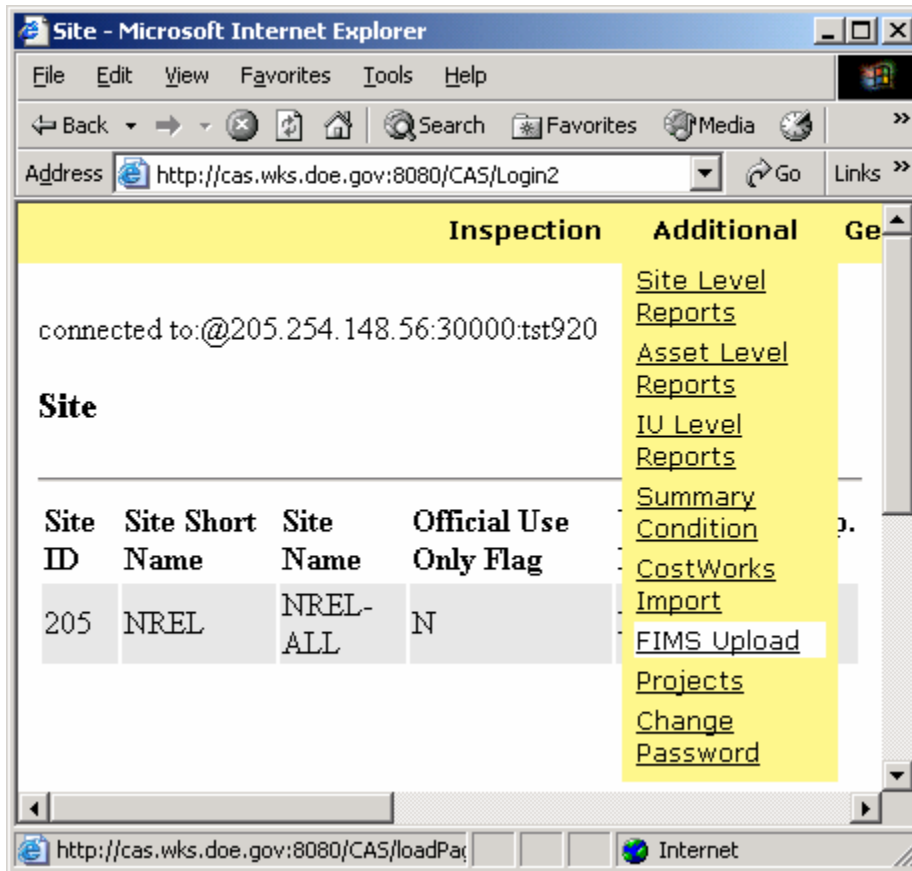
All page references refer to the CAIS User Guide.

1) Overview of CAIS – page 34.
   - Site
   - Area
   - Asset – page 32.
   - IU
     - Volume
     - WBS
     - Component
     - Type

2) Initial Setup of CAIS
   - Geographic Adjusters for the Area.
   - Cost Adders Setup – pages 51-53.
   - Applying Cost Adders to the Site, Area, Asset, IU.
   - Inspectors – page 26.
   - Users – page 25.

3) Create an IU from scratch - pages 36-40.
4) Input Deficiencies - page 45.
5) Create an IU with Type Search - page 48.
6) Create an IU using Favorites – page 41.
7) Create an IU using Copy All – pages 39-40.
8) Create an IU using Move/Copy - pages 46-48.
9) Retrieve an existing IU using Asset Filter and IU List Filter – pages 36-37.
10) Retrieve an existing IU by Tracking Number – pages 39-40.
11) CostWorks Import – pages 73-75.
12) Reports:
   - Summary Condition – pages 64-65.
   - IU Detail – pages 62-63.
   - Repair Costs – page 60.
   - Deferred Maintenance – page 58.

13) FIMS Upload – This handout – following pages.
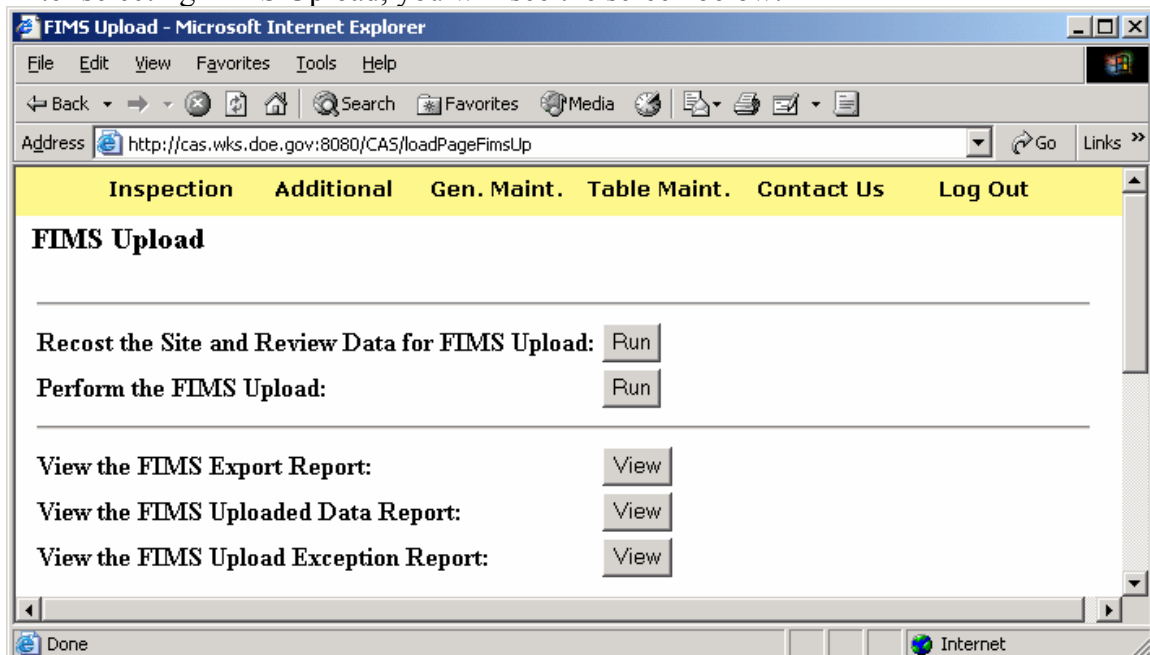
Note that the FIMS upload is not yet available in CAIS. We plan on making it available with release 1.2 of CAIS Web.

FIMS Upload

The menu selection is shown below:

After selecting FIMS Upload, you will see the screen below:

There are five things that you can do from this screen. The top two choices - the run options, update the database. The bottom three choices display relevant reports.

No.	Option	Description
1.	Recost the Site and Review the Data for FIMS Upload	Clicking 'Run' recosts the site and populates the cais_fims_exp table with the data that will be uploaded to FIMS.
2.	Perform the FIMS Upload.	Clicking 'Run' takes the data from CAIS and updates FIMS.
3.	View the FIMS Export Report	Clicking 'View' shows the report produced from step one. The data that will be uploaded to FIMS. This report is produced when you run "Recost the Site and Review the Data for FIMS Upload".
4.	View the FIMS Uploaded Data Report	Clicking 'View' shows the data for the upload that is currently in FIMS. You may want to run this report before you do the upload so that you have a before and after picture. This report is produced when you run "Perform the FIMS Upload".
5.	View FIMS Upload Exception Report	Clicking 'View' shows CAIS Assets that did not have their deferred maintenance data uploaded to FIMS. There are two possible reasons for the upload to fail: • CAIS assets that do not have the correct usage code. Four digit usage codes are for OSFs. • CAIS assets are not in FIMS or their area number is wrong.

Screen shots of the three reports are shown below.

FIMS Export Report

CONDITION ASSESSMENT INFORMATION SYSTEM
FIMS Export Report
NREL NREL-ALL

FIMS Site	FIMS Area	Area ID	Area Description	Asset ID	Volumes	Def Maint.	Last Insp. Date	RIC Cost
05002	001	5002	SOUTH TABLE MOUNTAIN	0000889	A10A20D20	$52,582,321		$0
05002	001	5002	SOUTH TABLE MOUNTAIN	0000AAA		$0	08/18/2003	$0
05002	001	5002	SOUTH TABLE MOUNTAIN	0004	G20D20	$576,501		$0
05002	001	5002	SOUTH TABLE MOUNTAIN	000nnjjjjjjjjjjjjjjjj	A20D50	$537,990,980	12/22/2004	$2,212,590
05002	001	5002	SOUTH TABLE MOUNTAIN	0101	D50D20	$872,388	12/07/2004	$6,025
05002	001	5002	SOUTH TABLE MOUNTAIN	0300	D50G40	$452,283	12/07/2004	$1,851,371
05002	001	5002	SOUTH TABLE MOUNTAIN	102		$0	12/07/2004	$0
05002	001	5002	SOUTH TABLE MOUNTAIN	1802	D50	$23,216	08/18/2003	$0
05002	001	5002	SOUTH TABLE MOUNTAIN	1904	A20D10D30B30D50	$456,406	09/15/2006	$0
05002	001	5002	SOUTH TABLE	2500		$0	05/14/2005	$0

05003	001	5003	NATL WIND TECH CTR	NWTC-251-04		$0		$0
05003	001	5003	NATL WIND TECH CTR	NWTC-253-01		$0		$0
05003	001	5003	NATL WIND TECH CTR	NWTC-254-01		$0		$0
Grand Totals:						$967,579,196		$0

FIMS Upload Report:

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CONDITION ASSESSMENT INFORMATION SYSTEM
FIMS Upload Data Report
NREL

Site	Area ID	Asset ID	Prop. Type Code	Vol. 1	Vol. 2	Vol. 3	Vol. 4	Vol. 5	Def Maint.	Last Insp. Date	RIC Cost
05002	001	0000	S	00					$0	08/22/2003	$0
05002	001	0001	S	00					$260,441	08/22/2003	$0
05002	001	0002	S	00					$0	12/08/2004	$0
05002	001	0004	S	G20	D20				$576,501	12/08/2004	$0
05002	001	0005	S	00					$0		$0
05002	001	0101	S	D50	D20				$872,388	12/07/2004	$6,025
05002	001	0300	S	D50	G40				$452,283	12/07/2004	$1,851,371
05002	001	102	S	00					$0	12/07/2004	$0
05002	001	1802	B	D50					$23,216	08/18/2003	$0
05002	001	1904	B	A20	D10	D30	B30	D50	$456,406	09/15/2006	$0
05002	001	2500	S	00					$0	05/14/2005	$0
05002	001	2501	S	00					$0	12/08/2004	$0
05002	001	2502	S	D10	D20				$440,207	12/08/2004	$0
05002	001	2503	S	G90					$0	12/08/2004	$0

Done Internet

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05003	001	NWTC-101	B	00					$0	08/22/2003	$0
05003	001	NWTC-251-04	S	00					$0	08/22/2003	$0
05003	001	NWTC-253-01	S	00					$0	08/22/2003	$0
05003	001	NWTC-254-01	S	00					$0	08/22/2003	$0
Grand Totals:									$137,316,845		$1,882,466

Done Internet

FIMS Upload Exception Report

CONDITION ASSESSMENT INFORMATION SYSTEM
FIMS Upload Exception Report
NREL NREL-ALL

Area ID	Asset ID	Asset Name	Usage Code	Building or OSF
Exception Category: CAIS/FIMS Property Type Disagree				
5002	4515	Solar Energy Research Facility	1229	OSF
5003	255	NWTC DYNOMOMENTER SPIN TEST FACILITY	721	Building
Group Count:				2

Area ID	Asset ID	Asset Name	Usage Code	Building or OSF
Exception Category: Missing from FIMS				
5002	0000889	jjj	04	Building
5002	0000AAA	VISITOR	292	Building
5002	000nnjjjjjjjjjjjjjjj	oooqiiiiiiiiiiiiiiiiiiiiiiiiiiiivvvv	00	Building
5002	4317	HISTORICAL BUNKER	424	Building
5002	5923	FETA AMMO BUNKER	424	Building
5002	7117	HIGH FLUX SOLAR FURNACE	400	Building
5002	7118	HIGH FLUX SOLAR FURNACE	400	Building
5002	7315	Solar Radiation Research Lab	701	Building
5002	7521	SOLAR INDUSTRIAL MESSA TEST AREA	701	Building
5002	AAAFFGF	VISITOR	292	Building
5002	3456	STM - Secondary Roads	1739	OSF
5002	4516	Transformer	8989	OSF